

CERTIFICATE OF ELECTRONIC TRANSMISSION 37 C.F.R. § 1.8	
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<u>September 12, 2011</u> Date	Electronic signature: / Melissa L. Sistrunk / Melissa L. Sistrunk (Reg. No. 45,579)

Docket No.: HO-P02936US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Johan Engström *et al.*

Application No.: 10/587,428

Confirmation No.: 8156

Filed: April 18, 2007

Art Unit: 1774

For: FLOW PATHS COMPRISING ONE OR TWO  
POROUS BEDS

Examiner: Seifu, L.T.

**RESPONSE TO OFFICE ACTION OF MARCH 15, 2011**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This submission is in response to the Office Action of March 15, 2011 (“the Action”). Applicants hereby petition for an extension of time of three months under 37 CFR § 1.136(a) and provide the requisite fee.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.